

WHAT IS CLAIMED IS

1. A video display apparatus, comprising:
a cathode ray tube including an ultor terminal for
5 developing an ultor voltage at said ultor terminal to produce a
beam current, said ultor voltage having voltage fluctuations in
a presence of changes in said beam current;
a source of a first high voltage;
an impedance coupled to said source of said first
10 high voltage and to a focus terminal of said cathode ray tube
for producing at said focus terminal a second high voltage
including voltage fluctuations indicative of said voltage
fluctuations of said ultor voltage to provide for focus voltage
tracking;
15 a source of a periodic correction signal; and
an amplifier responsive to said periodic correction signal
and capacitively coupled to said focus terminal in a manner to
add no more than 75 picofarad to a value of an equivalent
capacitance developed at said focus terminal for producing at
20 said focus terminal a dynamic focus voltage that varies, in
accordance with a variation of a beam landing location.
2. The video display apparatus according to Claim
1, further comprising a high voltage winding of a transformer,
wherein said voltage fluctuations developed at said focus
25 terminal are coupled in common with said first high voltage via
a resistor from a terminal of said transformer in a manner to
exclude capacitive coupling.
3. The video display apparatus according to Claim
1, wherein said impedance is included in a voltage divider.
- 30 4. The video display apparatus according to Claim
1, wherein said dynamic focus voltage includes a component at a
frequency related to a vertical deflection frequency.
5. The video display apparatus according to Claim
1, wherein said dynamic focus voltage includes a component at a
35 frequency related to a horizontal deflection frequency.
6. The video display apparatus according to Claim
1, further comprising a capacitor having a first terminal that
is coupled to said amplifier and a second terminal that is

coupled to said focus terminal for capacitive coupling said amplifier to said focus terminal, wherein the value of said capacitor is selected to be no more than 75 picofarad.

7. The video display apparatus according to Claim
5 6, wherein said impedance is included in a resistive voltage divider having a terminal that is commonly coupled with said capacitor second terminal to said focus terminal.